User’s Manual

USB 3.0 4-Port PCI Express Card

ABOUT THIS MANUAL

This manual is designed for use with the External USB 3.0 4-Port PCI Express Card. Information in this document has been carefully checked for accuracy; however, no guarantee is given to the correctness of the contents. The information in this document is subject to change without notice. The manufacturer does not make any representations or warranties (implied or otherwise) regarding the accuracy and completeness of this document and shall in no event be liable for any loss of profit or any commercial damage, including but not limited to special, incidental, consequential, or other damage.

SAFETY INSTRUCTIONS

Always read the safety instructions carefully:

Keep this User's Manual for future reference.

Keep this equipment away from humidity.

If any of the following situations arises, get the equipment checked by a service technician:

The equipment has been exposed to moisture.

The equipment has been dropped and damaged.

The equipment has obvious sign of breakage.

The equipment has not been working well or you cannot get it to work according to the User's Manual.

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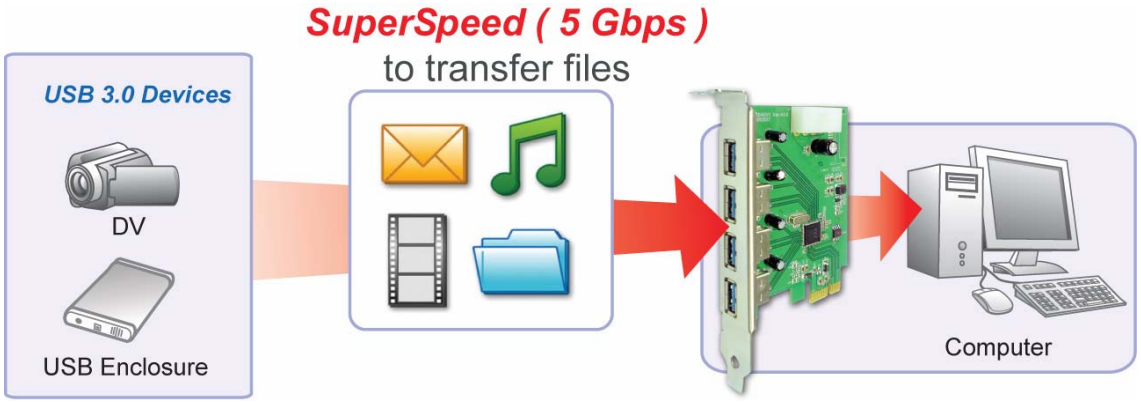
1. Introduction

The USB 3.0 4-Port PCI Express Card is compliant to USB 3.0 Standards and backward compatible with USB 2.0 devices. It also allows you to connect multiple peripherals to your PC at the same time. The USB 3.0 4 Port PCI Express Card enhances the performance of transmission that excessively faster than existing USB 2.0 devices. It is the ideal interface for transferring extremely large amounts of data from UBS 2.0/3.0 compliant products such real-time video cameras, portable devices and others.



Features

- Add 4 ports to USB 3.0 devices.
- Install easily into any PCI Express slot.
- Supports USB 3.0 transfer rate.
- Support ATX Power.

Package Contents

- USB 3.0 PCI Express Card x1
- CD(Driver and User's Manual) x1
- Quick Installation Guide x1

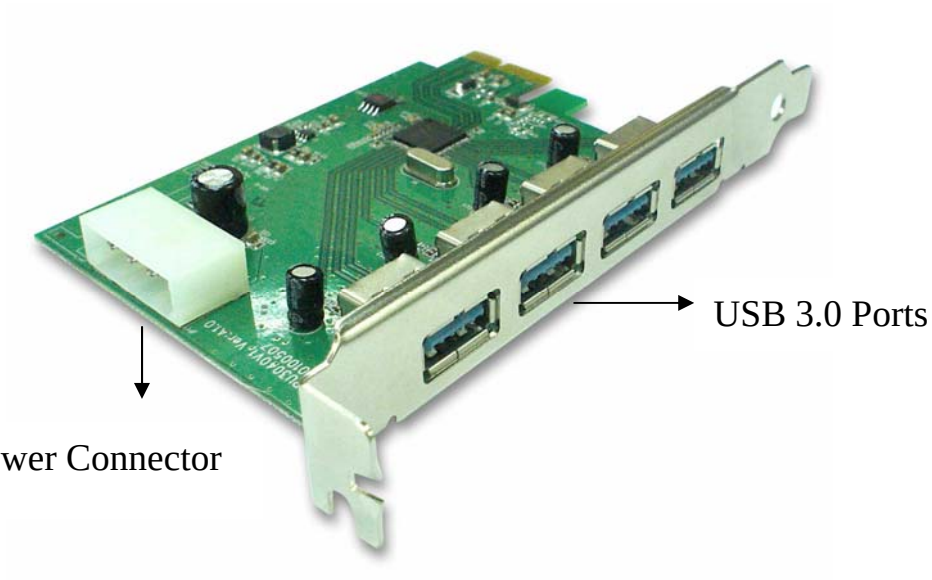
System Requirements

- Windows® -based (Windows®XP, Windows Vista®, Windows® 7) computer with available PCI express slot.
- Windows®-based server.

Notice: Mac systems do not support this USB 3.0 4 ports PCI Express Card

2. Installation

A. Hardware Installation



1. Turn your computer off and any peripherals connected to the computer. Unplug the power cable before installing the host card.
2. Remove the cover from the computer case.
3. Locate an available PCI Express slot and remove the bracket cover.
4. Insert the card into the open PCI Express slot and fasten the bracket to the rear of the case.
5. Connect 4P power cable from the computer’s power supply to the card.
6. Place the cover back onto the computer.
7. Insert the power cable into the socket on the power supply.

B. Driver Installation

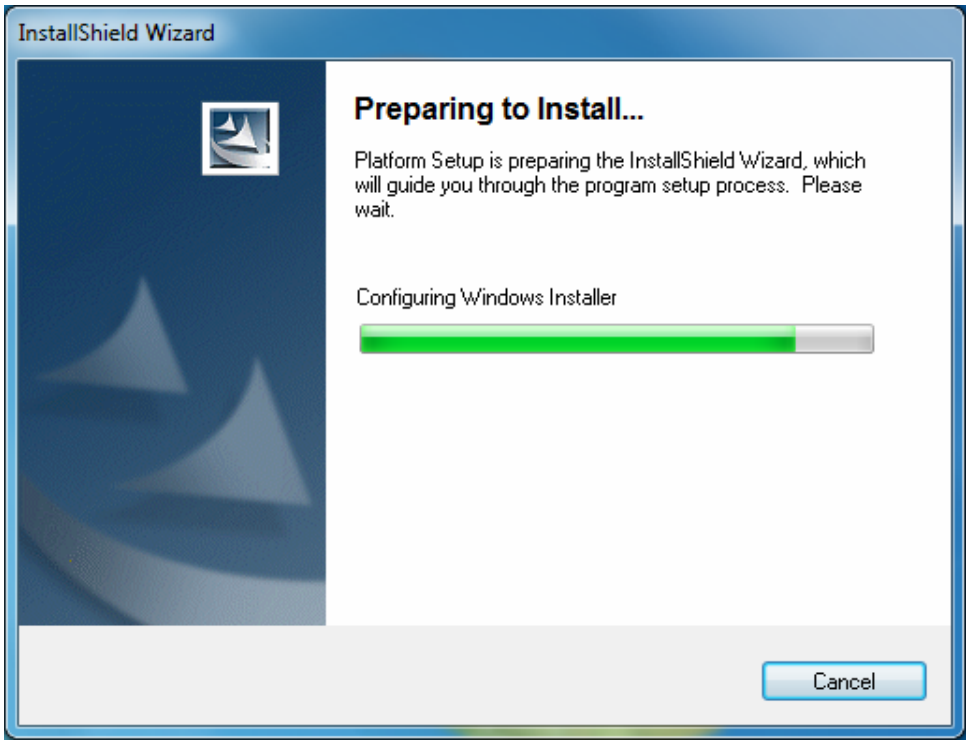
On Windows® 7

To Install the Driver:

1. Insert the provided CD into CD-Rom locates and double-click the Setup.exe file.

AutoPlay
DVD RW Drive (E:) Driver
Always do this for software and games:
Install or run program from your media
Run Setup.exe
Published by NEC Electronics Corporation
General options
Open folder to view files
using Windows Explorer
View more AutoPlay options in Control Panel

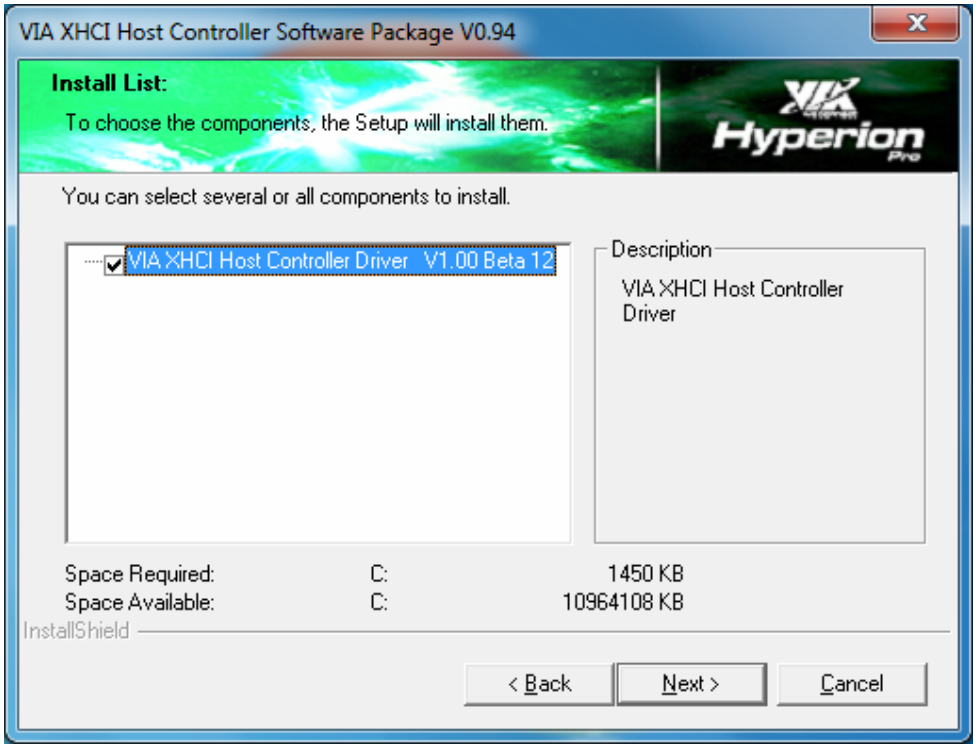
2. Preparing to install, please wait.


InstallShield Wizard
Preparing to Install...
Platform Setup is preparing the InstallShield Wizard, which will guide you through the program setup process. Please wait.
Configuring Windows Installer
Cancel

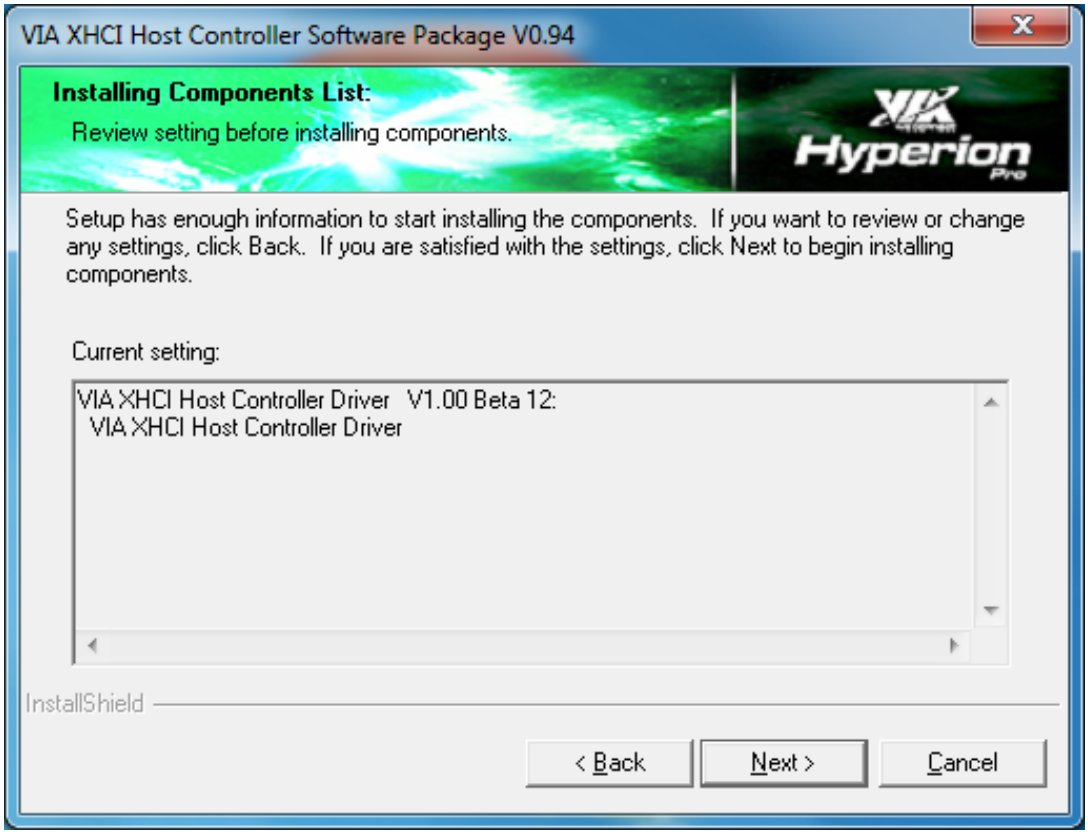
3. The Install Wizard will install VIA XHCI Host Controller Software Setup Wizard Setup Wizard on your computer. To continue, click **Next**.

VIA XHCI Host Controller Software Package V0.94
Hyperion Pro
Welcome to the Install Wizard for VIA XHCI Host Controller Software Setup Wizard
The Install Wizard will install VIA XHCI Host Controller Software Setup Wizard on your computer. To continue, click Next.
U-Version:5.2.1.36
< Back
Next >
Cancel

4. To choose the components, the Setup will install them. Please click Next to install the driver.

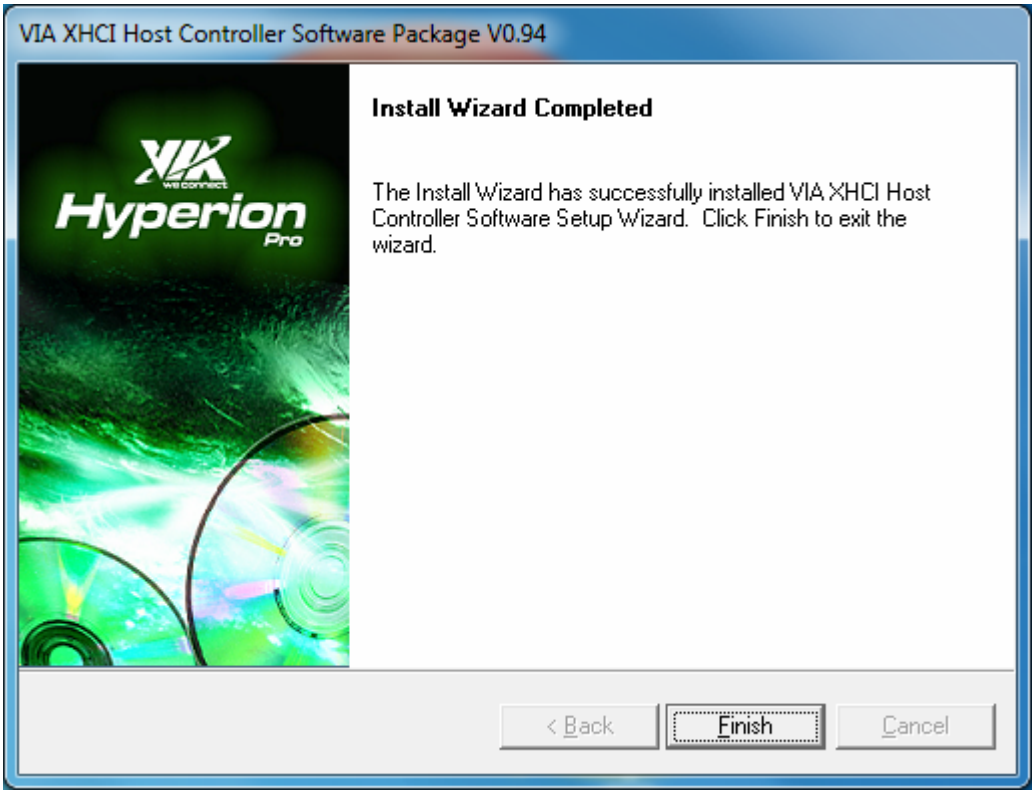

VIA XHCI Host Controller Software Package V0.94
Install List:
To choose the components, the Setup will install them.
Hyperion Pro
You can select several or all components to install.
VIA XHCI Host Controller Driver V1.00 Beta 12
Description
VIA XHCI Host Controller Driver
Space Required: C: 1450 KB
Space Available: C: 10964108 KB
InstallShield
< Back
Next >
Cancel

5. The Windows Security will show up, please click **Install this driver software anyway**.
6. Setup has enough information to start installing the components. If you want to review or change any settings, click Back. It you are satisfied with the settings, click **Next** to begin installing components.


VIA XHCI Host Controller Software Package V0.94
Installing Components List:
Review setting before installing components.
Hyperion Pro
Setup has enough information to start installing the components. If you want to review or change any settings, click Back. If you are satisfied with the settings, click Next to begin installing components.
Current setting:
VIA XHCI Host Controller Driver V1.00 Beta 12:
VIA XHCI Host Controller Driver
InstallShield
< Back
Next >
Cancel

7. The Windows Security will show up, please click **Install this driver software anyway**.

8. The install Wizard has successfully installed VIA XHCI Host Controller Software Setup Wizard. Click **Finish** to exit the wizard.

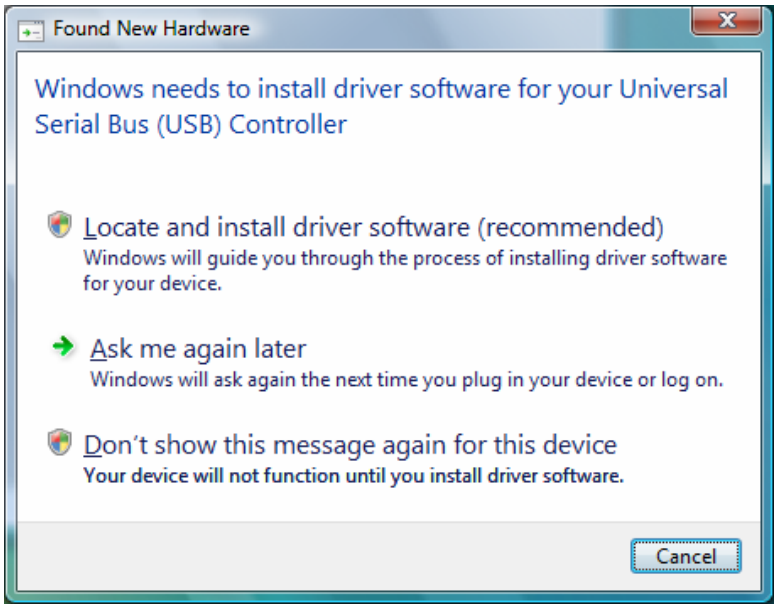

VIA XHCI Host Controller Software Package V0.94
Hyperion
Pro
Install Wizard Completed
The Install Wizard has successfully installed VIA XHCI Host Controller Software Setup Wizard. Click Finish to exit the wizard.
< Back
Finish
Cancel

**Actual strings depend on your operation system. These screen shots are from Windows® 7 and might vary slightly for each operation system.*

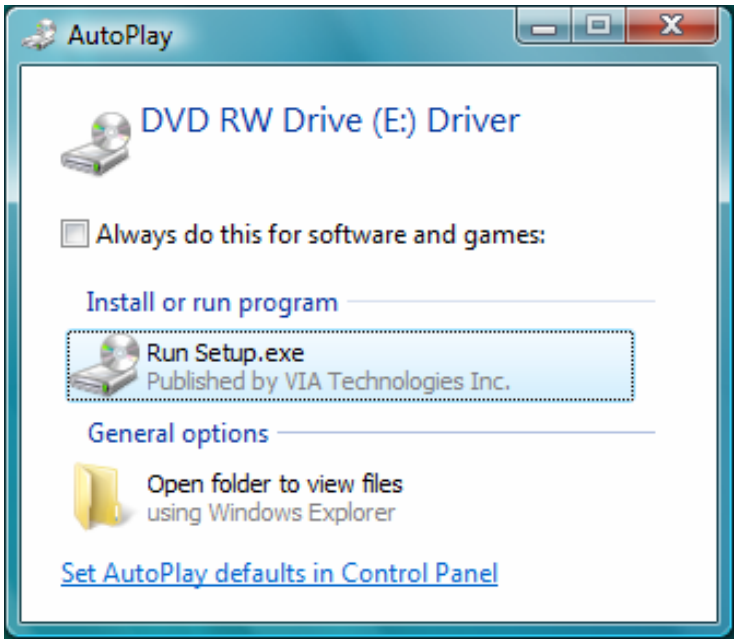
On Windows Vista®

To Install the Driver:

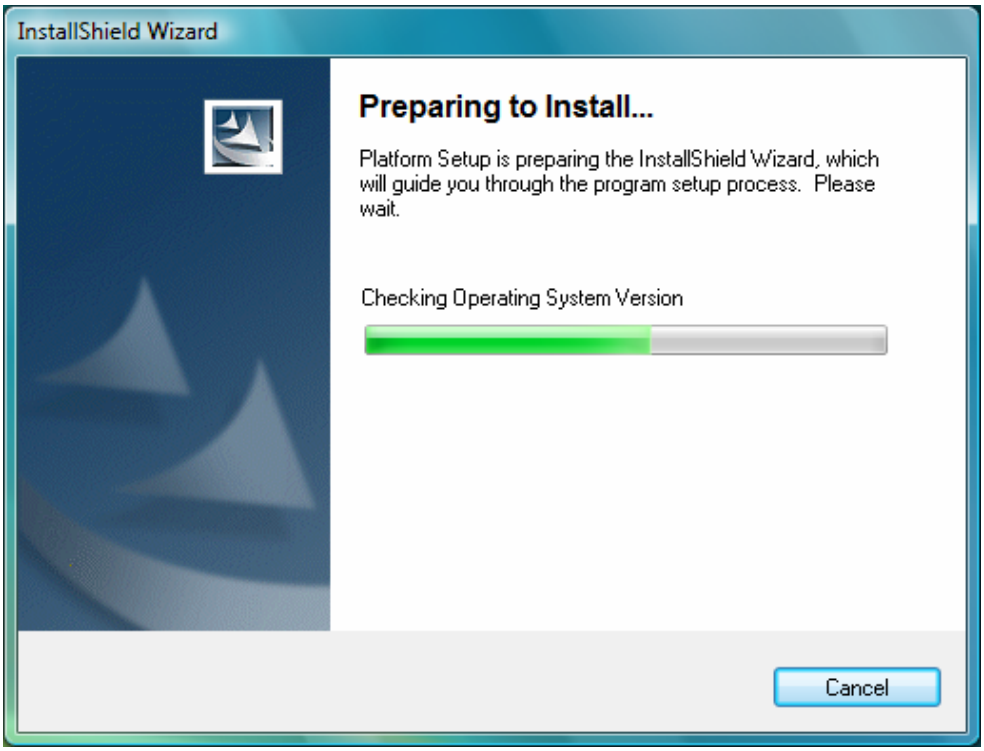
1. It is normal situation when the following window appears. Please click **Cancel**.


Found New Hardware
Windows needs to install driver software for your Universal Serial Bus (USB) Controller
Locate and install driver software (recommended)
Windows will guide you through the process of installing driver software for your device.
Ask me again later
Windows will ask again the next time you plug in your device or log on.
Don't show this message again for this device
Your device will not function until you install driver software.
Cancel

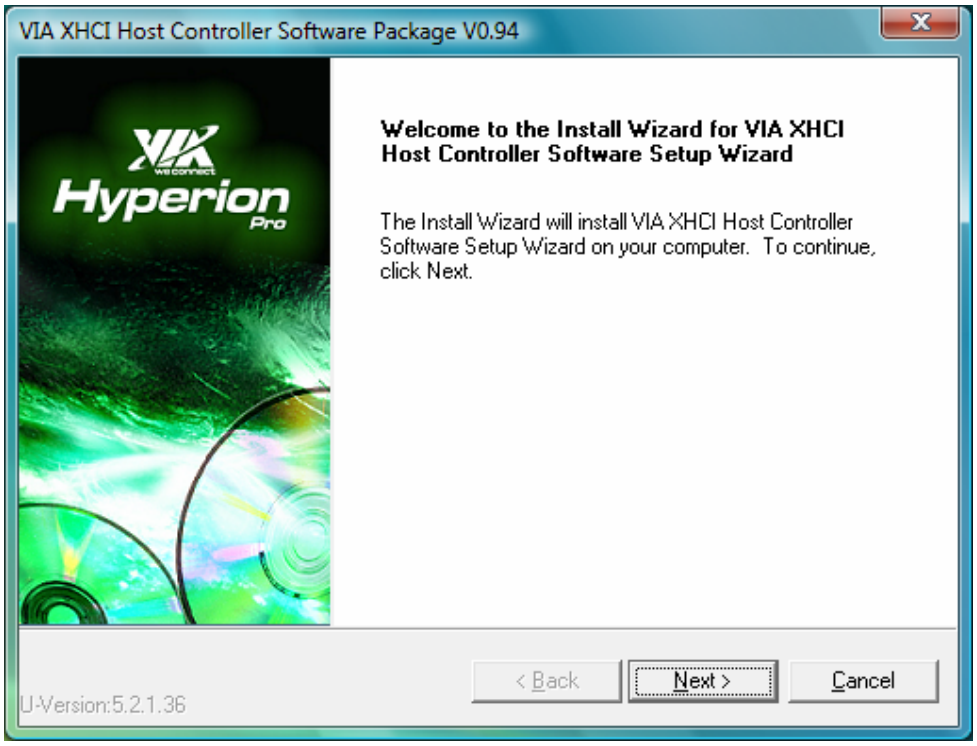
2. Insert the provided CD into CD-Rom locates and double-click the Setup.exe file.


AutoPlay
DVD RW Drive (E:) Driver
Always do this for software and games:
Install or run program
Run Setup.exe
Published by VIA Technologies Inc.
General options
Open folder to view files
using Windows Explorer
Set AutoPlay defaults in Control Panel

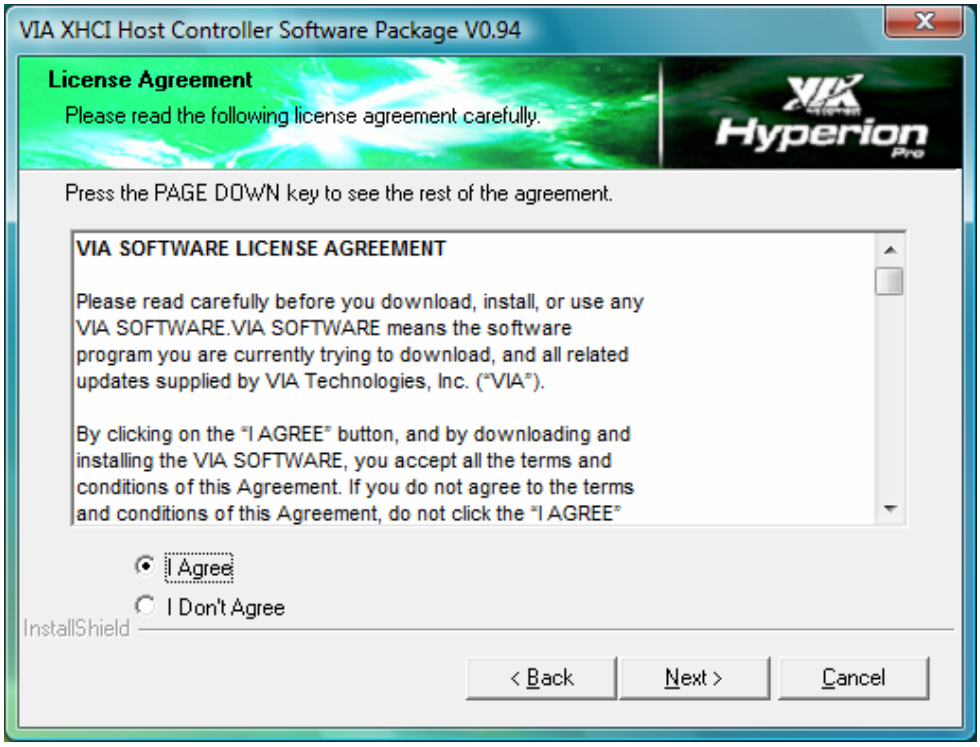
3. When the following screen show up, please click Next to install the Driver.


InstallShield Wizard
Preparing to Install...
Platform Setup is preparing the InstallShield Wizard, which will guide you through the program setup process. Please wait.
Checking Operating System Version
Cancel

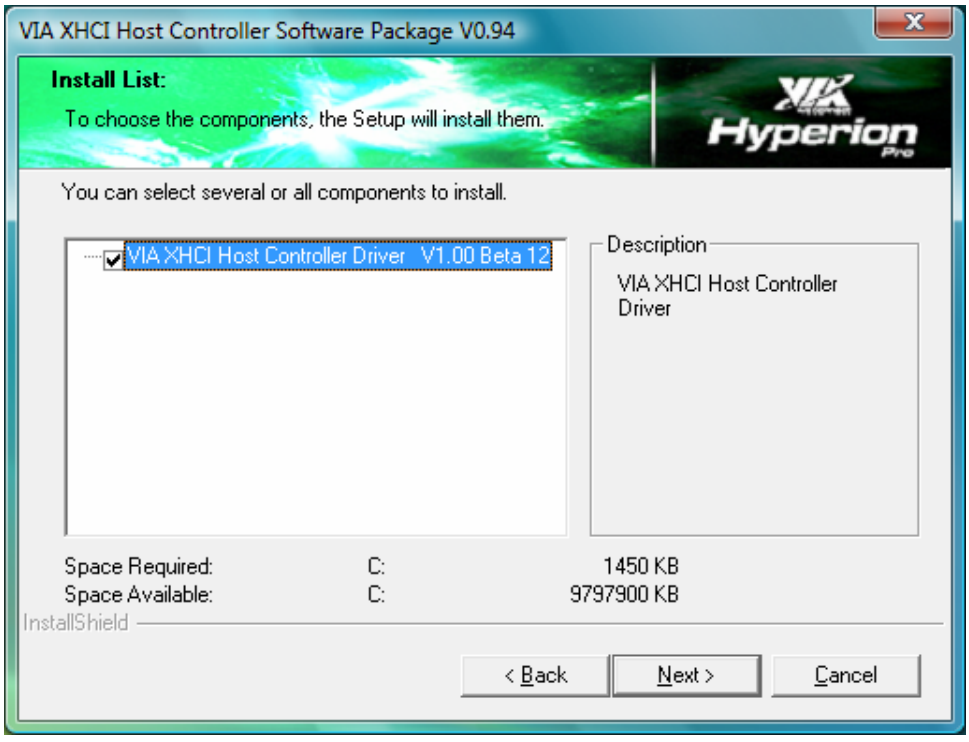
4. The Install Wizard will install VIA XHCI Host Controller Software Setup Wizard on your computer. To continue, click **Next**.


VIA XHCI Host Controller Software Package V0.94
Hyperion Pro
Welcome to the Install Wizard for VIA XHCI Host Controller Software Setup Wizard
The Install Wizard will install VIA XHCI Host Controller Software Setup Wizard on your computer. To continue, click Next.
U-Version:5.2.1.36
< Back
Next >
Cancel

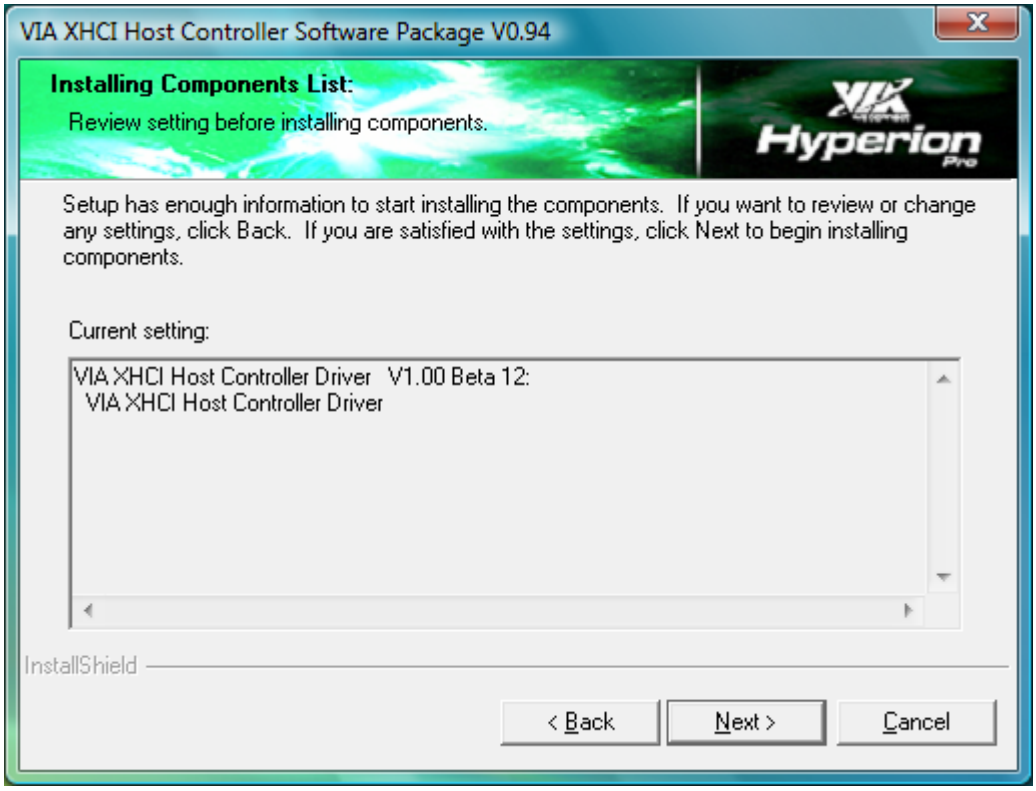
5. Please read the following license agreement and click **I Agree** and click **Next**.


VIA XHCI Host Controller Software Package V0.94
License Agreement
Please read the following license agreement carefully.
Hyperion Pro
Press the PAGE DOWN key to see the rest of the agreement.
VIA SOFTWARE LICENSE AGREEMENT
Please read carefully before you download, install, or use any VIA SOFTWARE.VIA SOFTWARE means the software program you are currently trying to download, and all related updates supplied by VIA Technologies, Inc. ("VIA").
By clicking on the "I AGREE" button, and by downloading and installing the VIA SOFTWARE, you accept all the terms and conditions of this Agreement. If you do not agree to the terms and conditions of this Agreement, do not click the "I AGREE"
I Agree
I Don't Agree
InstallShield
< Back
Next >
Cancel

6. To choose the components, the Setup will install them. Please click **Next** to install the driver.

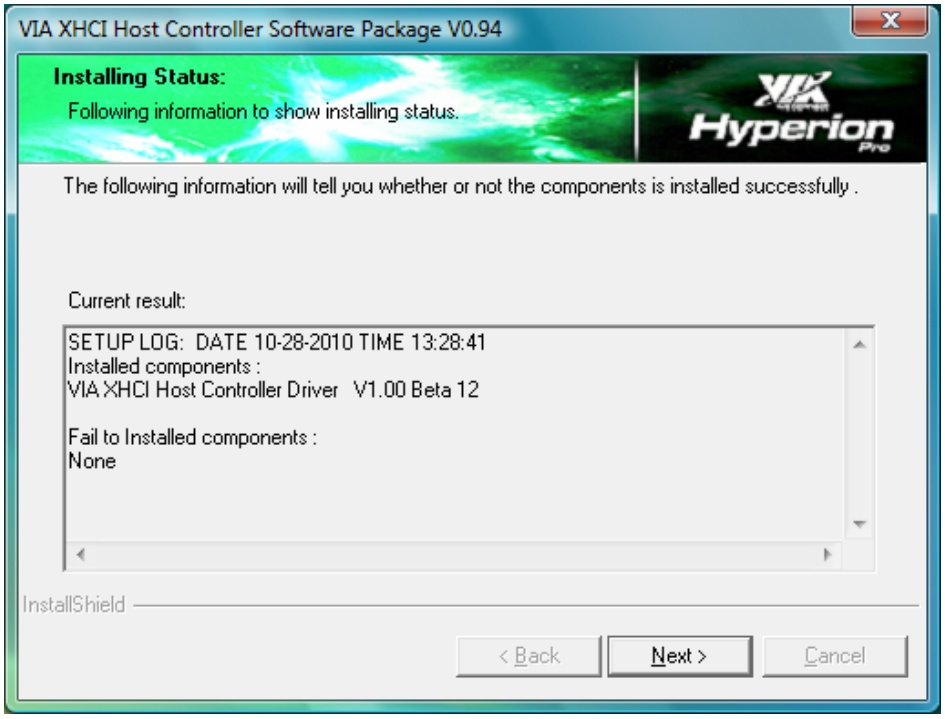

VIA XHCI Host Controller Software Package V0.94
Install List:
To choose the components, the Setup will install them.
Hyperion Pro
You can select several or all components to install.
VIA XHCI Host Controller Driver V1.00 Beta 12
Description
VIA XHCI Host Controller Driver
Space Required: C: 1450 KB
Space Available: C: 9797900 KB
InstallShield
< Back
Next >
Cancel

7. Setup has enough information to start installing the components. If you want to review or change any settings, click Back. It you are satisfied with the settings, click **Next** to begin installing components.

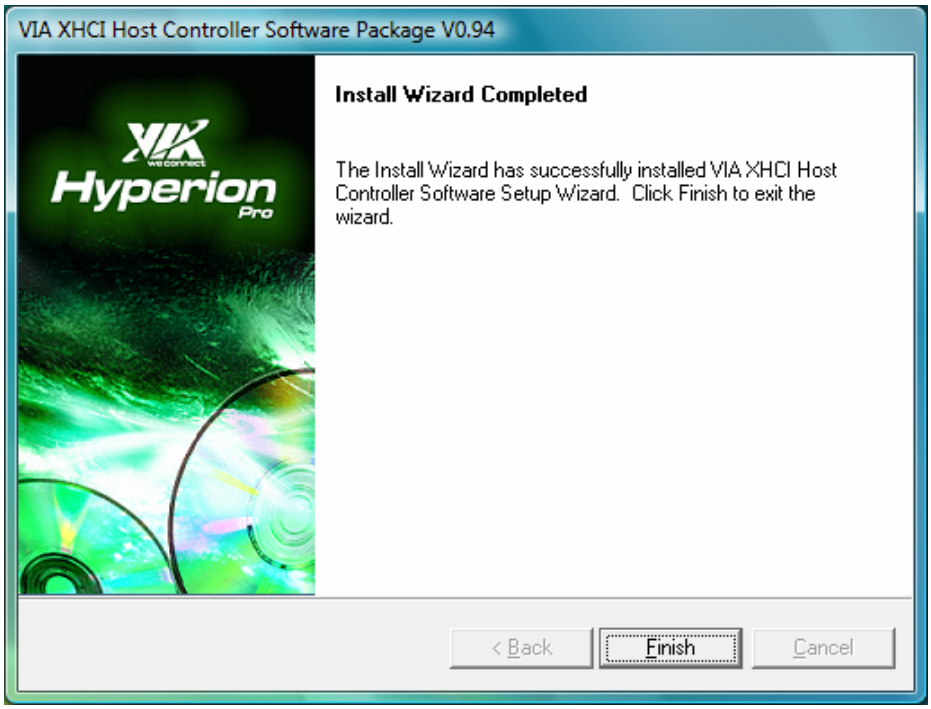

VIA XHCI Host Controller Software Package V0.94
Installing Components List:
Review setting before installing components.
Hyperion Pro
Setup has enough information to start installing the components. If you want to review or change any settings, click Back. If you are satisfied with the settings, click Next to begin installing components.
Current setting:
VIA XHCI Host Controller Driver V1.00 Beta 12:
VIA XHCI Host Controller Driver
InstallShield
< Back
Next >
Cancel

8. The Windows Security will show up, please click **Install this driver software anyway**.

9. Please click **Next** to install the driver.


VIA XHCI Host Controller Software Package V0.94
Installing Status:
Following information to show installing status.
Hyperion Pro
The following information will tell you whether or not the components is installed successfully .
Current result:
SETUP LOG: DATE 10-28-2010 TIME 13:28:41
Installed components :
VIA XHCI Host Controller Driver V1.00 Beta 12
Fail to Installed components :
None
InstallShield
< Back
Next >
Cancel

10. The Install Wizard has successfully installed VIA XHCI Host controller Software Setup Wizard. Click Finish to exit the wizard.


VIA XHCI Host Controller Software Package V0.94
Hyperion Pro
Install Wizard Completed
The Install Wizard has successfully installed VIA XHCI Host Controller Software Setup Wizard. Click Finish to exit the wizard.
< Back
Finish
Cancel

**Actual strings depend on your operation system. These screen shots are from Windows® Vista and might vary slightly for each operation system.*

On Windows® XP

To Install the Driver:

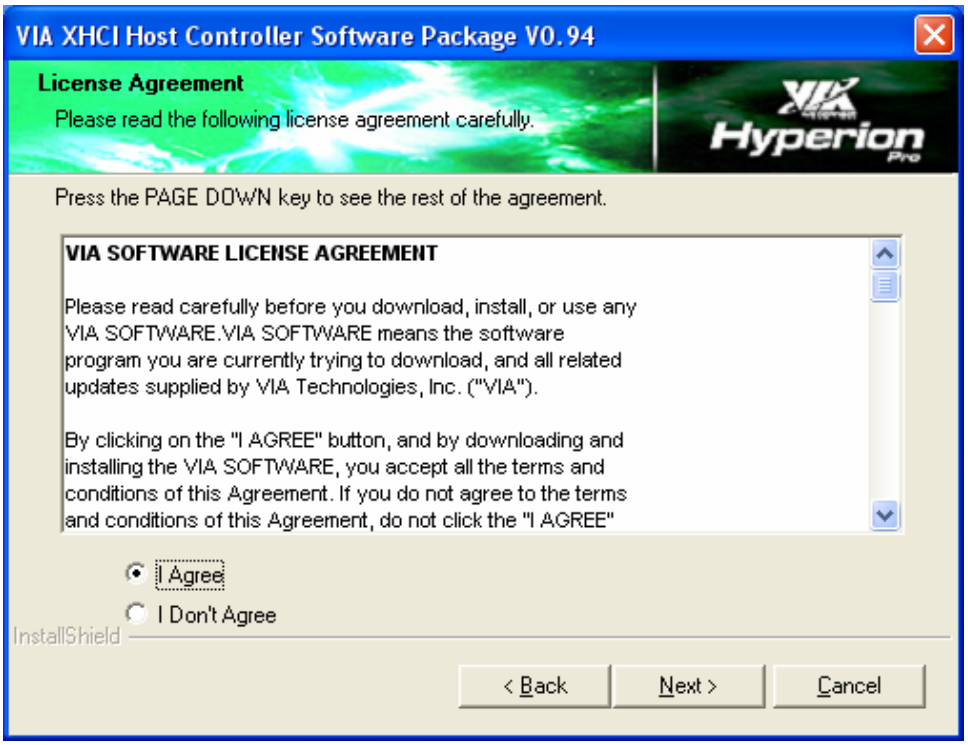
1. It is normal situation when the following window appears. Please click **Cancel**.

Found New Hardware Wizard
Welcome to the Found New Hardware Wizard
Windows will search for current and updated software by looking on your computer, on the hardware installation CD, or on the Windows Update Web site (with your permission).
Read our privacy policy
Can Windows connect to Windows Update to search for software?
Yes, this time only
Yes, now and every time I connect a device
No, not this time
Click Next to continue.
< Back
Next >
Cancel

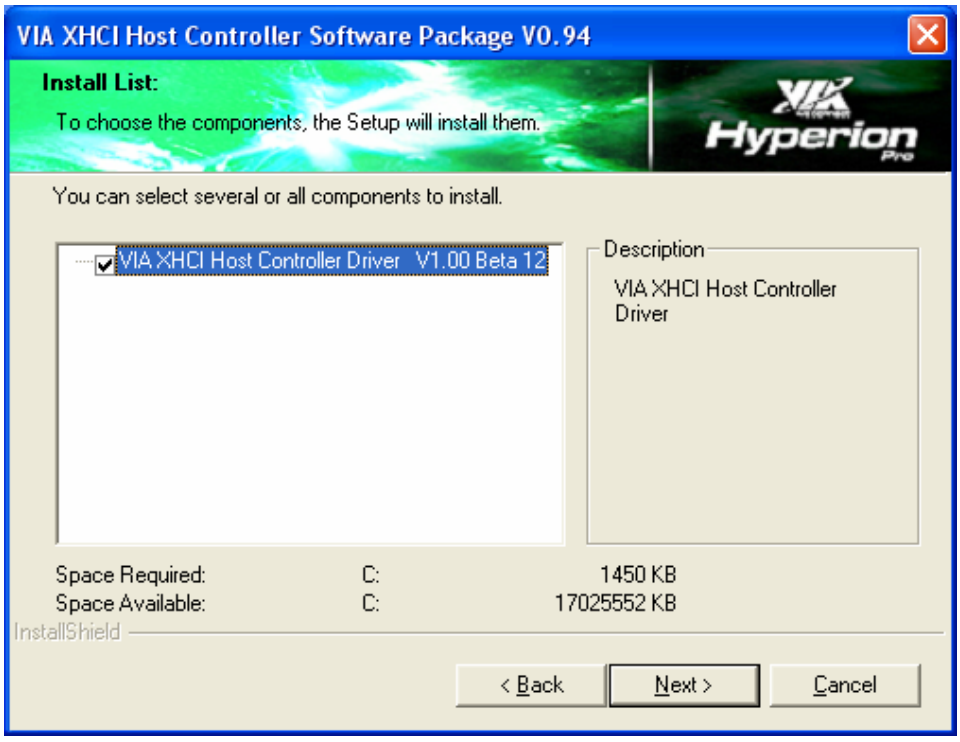
2. The Install Wizard will install VIA XHCI Host Controller Software Setup Wizard on your computer. To continue, click **Next**.

VIA XHCI Host Controller Software Package V0.94
Hyperion Pro
Welcome to the Install Wizard for VIA XHCI Host Controller Software Setup Wizard
The Install Wizard will install VIA XHCI Host Controller Software Setup Wizard on your computer. To continue, click Next.
U-Version:5.2.1.36
< Back
Next >
Cancel

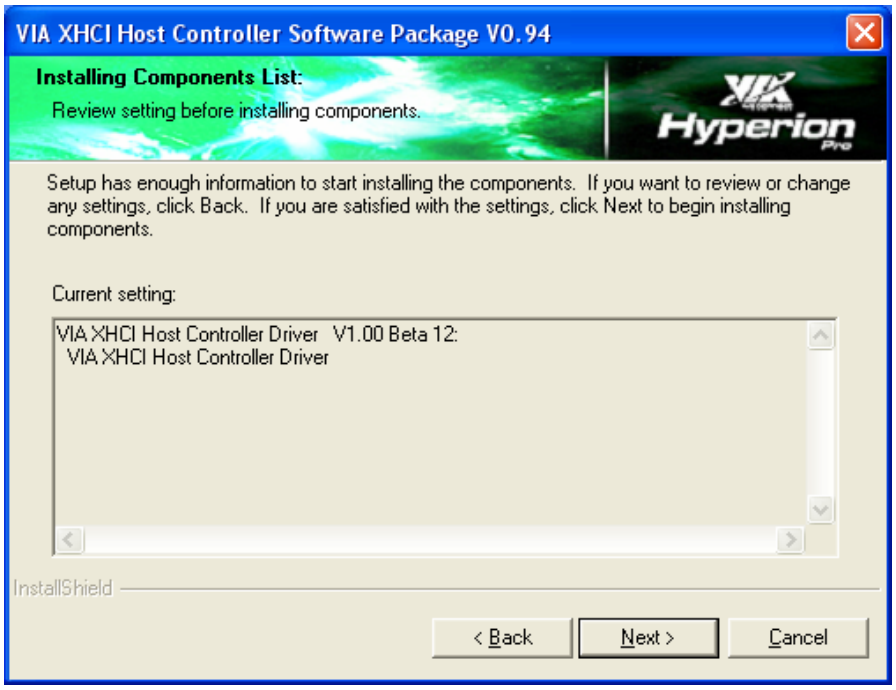
3. Please read the following license agreement and click **I Agree** and click **Next**.


VIA XHCI Host Controller Software Package V0.94
License Agreement
Please read the following license agreement carefully.
Hyperion
Press the PAGE DOWN key to see the rest of the agreement.
VIA SOFTWARE LICENSE AGREEMENT
Please read carefully before you download, install, or use any VIA SOFTWARE.VIA SOFTWARE means the software program you are currently trying to download, and all related updates supplied by VIA Technologies, Inc. ("VIA").
By clicking on the "I AGREE" button, and by downloading and installing the VIA SOFTWARE, you accept all the terms and conditions of this Agreement. If you do not agree to the terms and conditions of this Agreement, do not click the "I AGREE"
I Agree
I Don't Agree
InstallShield
< Back
Next >
Cancel

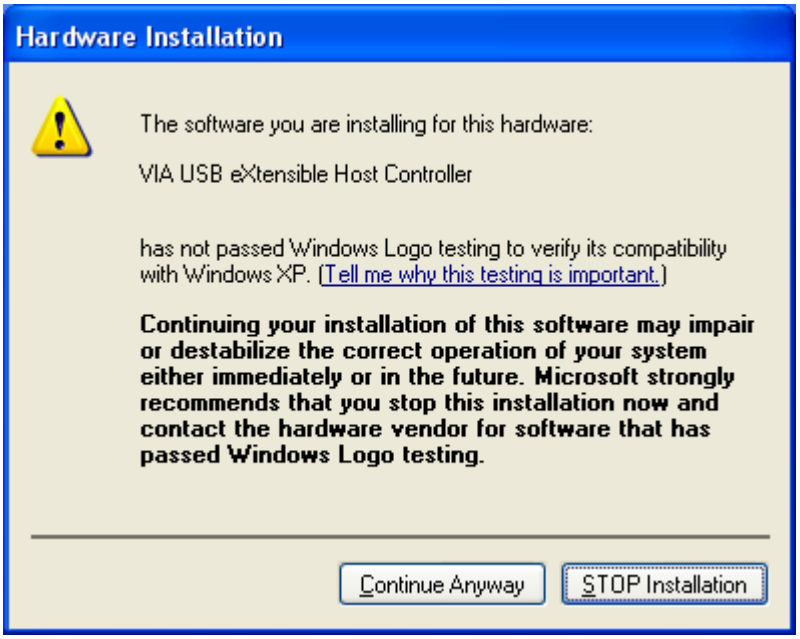
4. To choose the components, the Setup will install them. Please click **Next** to install the driver.


VIA XHCI Host Controller Software Package V0.94
Install List:
To choose the components, the Setup will install them.
Hyperion
You can select several or all components to install.
VIA XHCI Host Controller Driver V1.00 Beta 12
Description
VIA XHCI Host Controller Driver
Space Required: C: 1450 KB
Space Available: C: 17025552 KB
InstallShield
< Back
Next >
Cancel

5. Setup has enough information to start installing the components. If you want to review or change any settings, click Back. It you are satisfied with the settings, click **Next** to begin installing components.

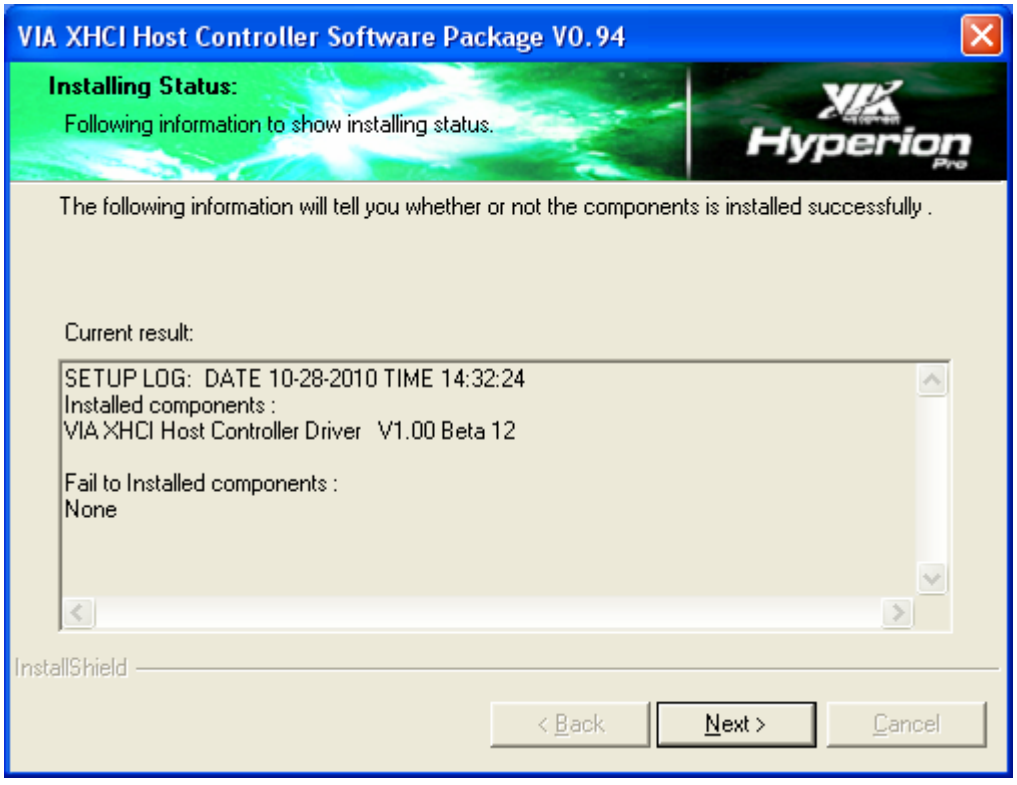

VIA XHCI Host Controller Software Package V0.94
Installing Components List:
Review setting before installing components.
Hyperion
Setup has enough information to start installing the components. If you want to review or change any settings, click Back. If you are satisfied with the settings, click Next to begin installing components.
Current setting:
VIA XHCI Host Controller Driver V1.00 Beta 12:
VIA XHCI Host Controller Driver
InstallShield
< Back
Next >
Cancel

6. When the Hardware Installation window appears, please click **Continue Anyway**. Furthermore, when Found New Hardware appears, please click **Cancel**.

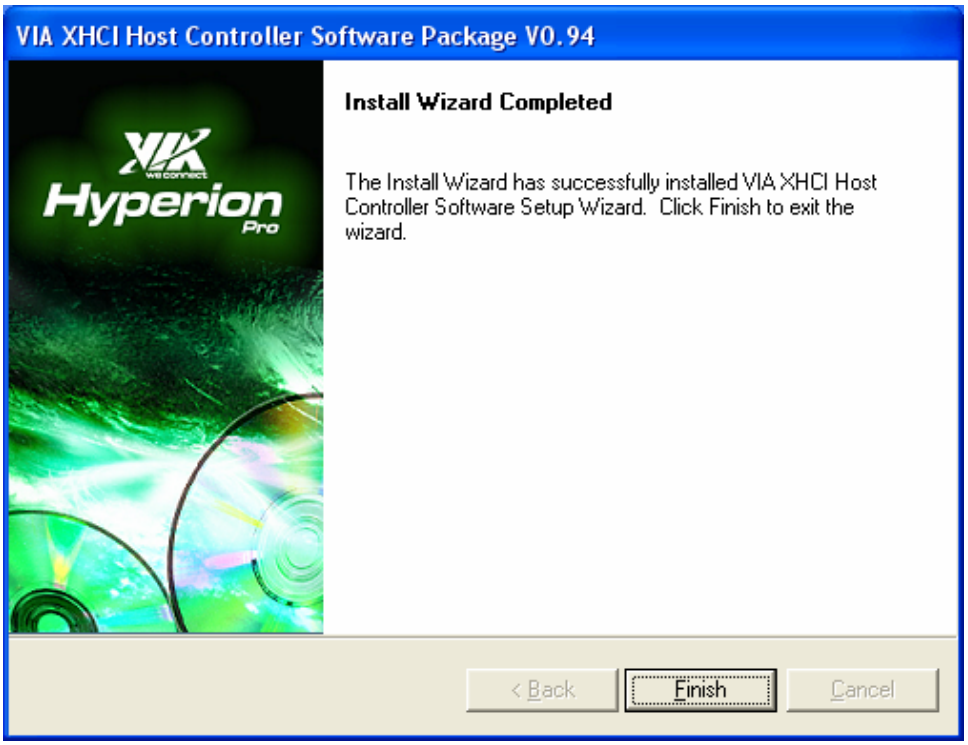

Hardware Installation
The software you are installing for this hardware:
VIA USB eXtensible Host Controller
has not passed Windows Logo testing to verify its compatibility with Windows XP. (Tell me why this testing is important.)
Continuing your installation of this software may impair or destabilize the correct operation of your system either immediately or in the future. Microsoft strongly recommends that you stop this installation now and contact the hardware vendor for software that has passed Windows Logo testing.
Continue Anyway
STOP Installation

Found New Hardware Wizard
Welcome to the Found New Hardware Wizard
Windows will search for current and updated software by looking on your computer, on the hardware installation CD, or on the Windows Update Web site (with your permission).
Read our privacy policy
Can Windows connect to Windows Update to search for software?
Yes, this time only
Yes, now and every time I connect a device
No, not this time
Click Next to continue.
< Back
Next >
Cancel

7. Please click **Next** to install the driver.


VIA XHCI Host Controller Software Package V0.94
Installing Status:
Following information to show installing status.
Hyperion Pro
The following information will tell you whether or not the components is installed successfully .
Current result:
SETUP LOG: DATE 10-28-2010 TIME 14:32:24
Installed components :
VIA XHCI Host Controller Driver V1.00 Beta 12
Fail to Installed components :
None
InstallShield
< Back
Next >
Cancel

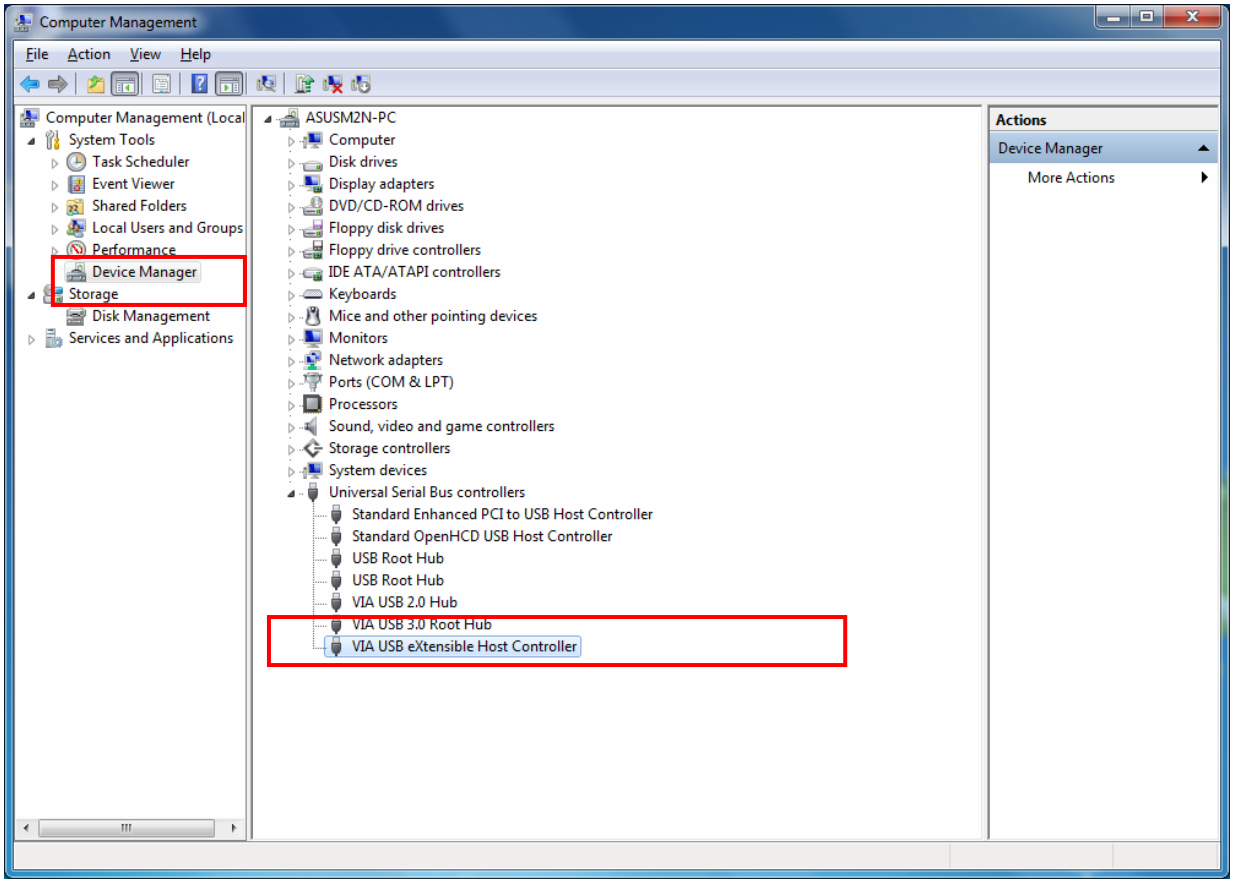
8. The Install Wizard has successfully installed VIA XHCI Host controller Software Setup Wizard. Click **Finish** to exit the wizard.


VIA XHCI Host Controller Software Package V0.94
Hyperion
Pro
Install Wizard Completed
The Install Wizard has successfully installed VIA XHCI Host Controller Software Setup Wizard. Click Finish to exit the wizard.
< Back
Finish
Cancel

3. Installation Verification

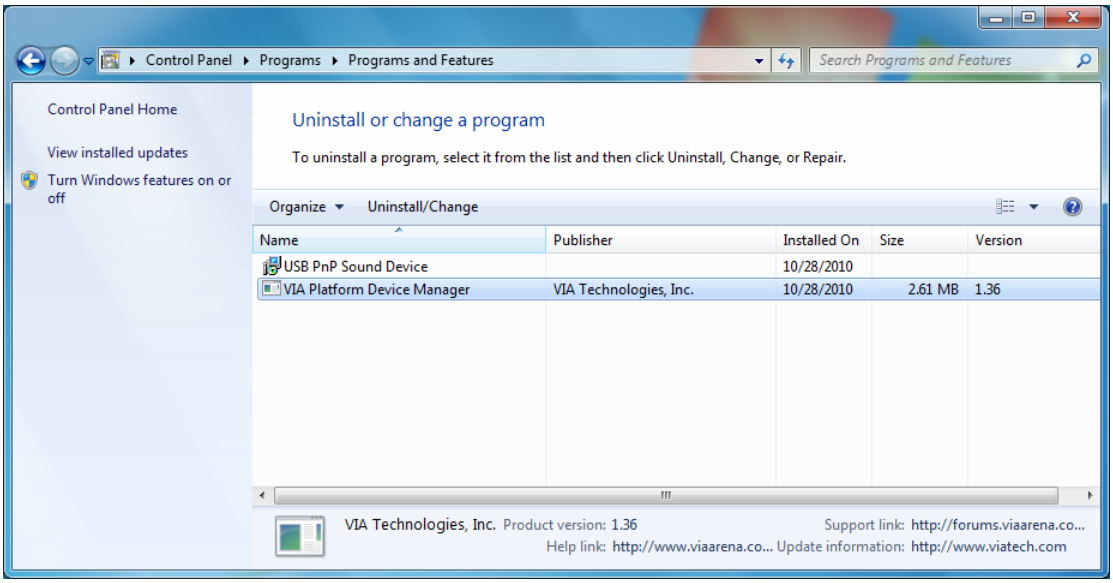
After plugging this PCI Express Card to PC and finishing driver installation, the system will detect the device. You can go to Device Manager to verify the entire installation.

Windows® XP/ Windows Vista®/ Windows® 7

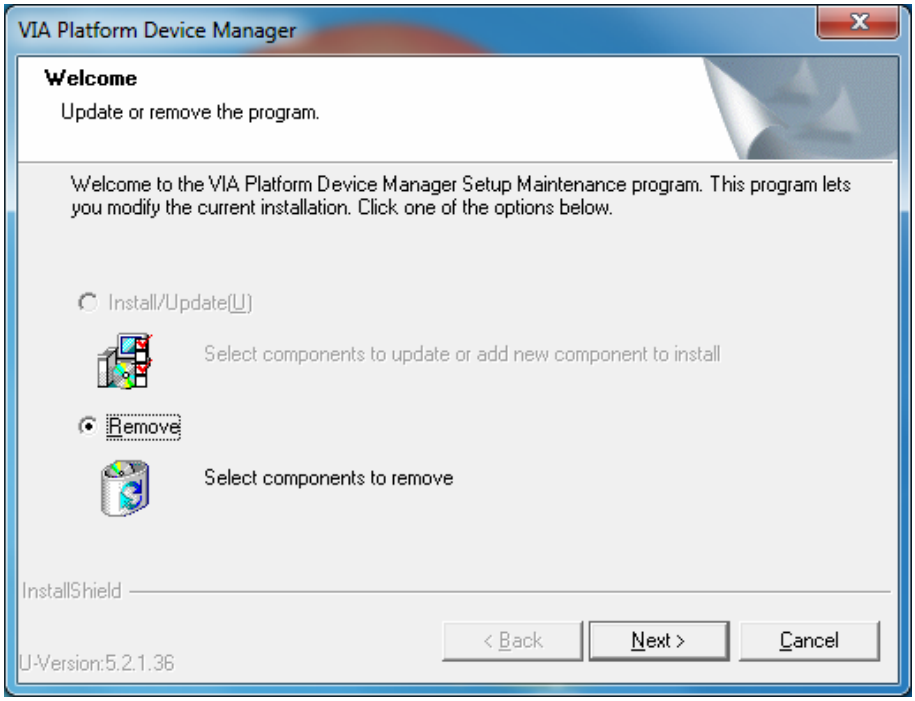


4. Driver Uninstallation

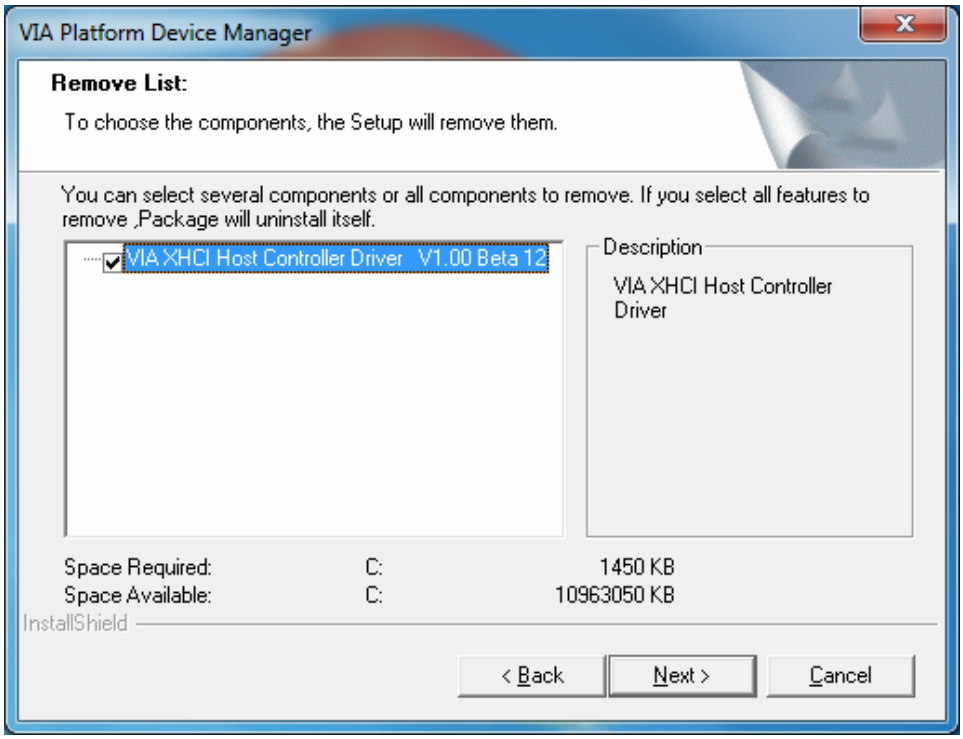
1. To uninstall a program, select it from the list and then click Uninstall.



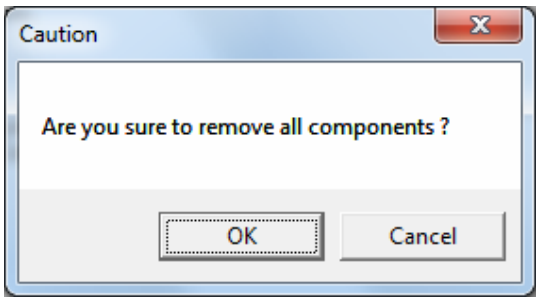
2. Please select **Remove** and click **Next**.


VIA Platform Device Manager
Welcome
Update or remove the program.
Welcome to the VIA Platform Device Manager Setup Maintenance program. This program lets you modify the current installation. Click one of the options below.
Install/Update(U)
Select components to update or add new component to install
Remove
Select components to remove
InstallShield
< Back
Next >
Cancel
U-Version:5.2.1.36

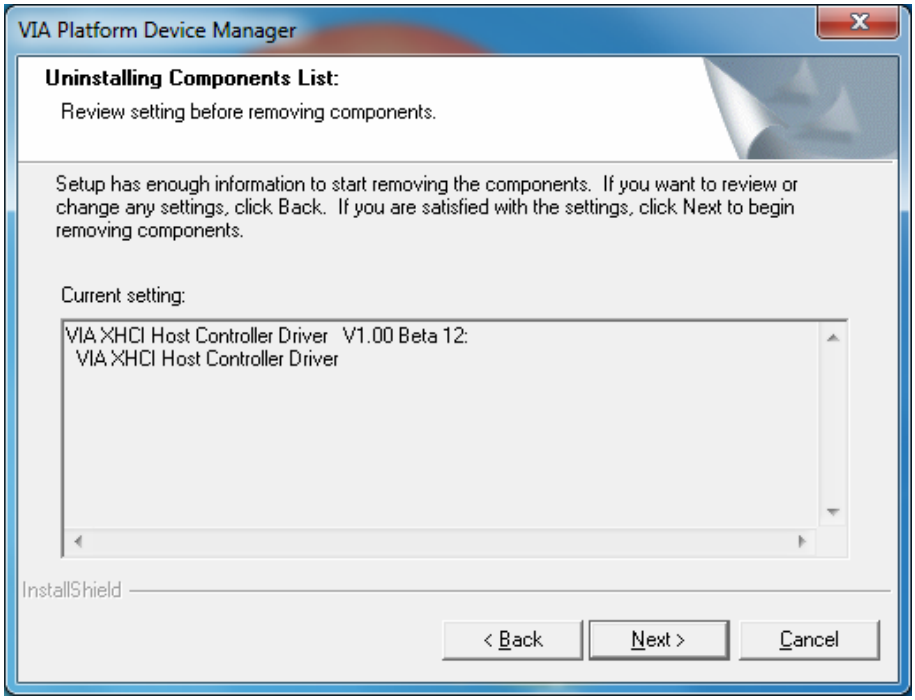
3. To choose the components, the Setup will remove them. Please click **Next** to continue to install the driver.


VIA Platform Device Manager
Remove List:
To choose the components, the Setup will remove them.
You can select several components or all components to remove. If you select all features to remove ,Package will uninstall itself.
VIA XHCI Host Controller Driver V1.00 Beta 12
Description
VIA XHCI Host Controller Driver
Space Required: C: 1450 KB
Space Available: C: 10963050 KB
InstallShield
< Back
Next >
Cancel

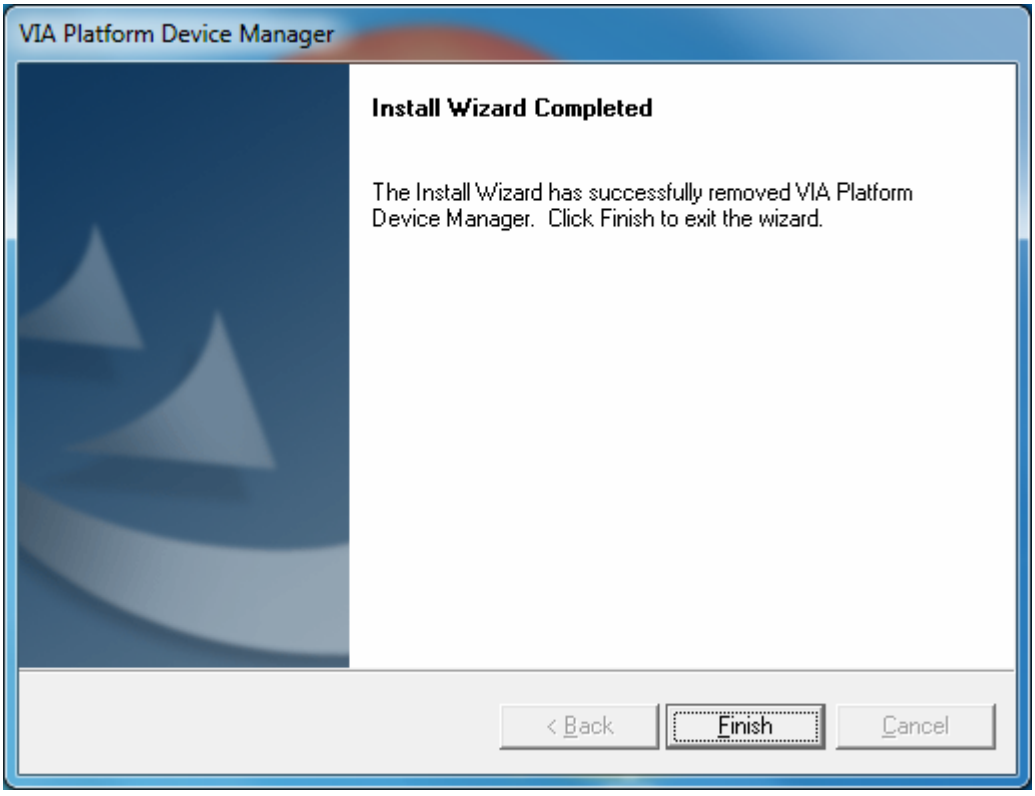
4. When the Caution appears, please click **OK**.



5. Please click **Next** to continue remove the driver

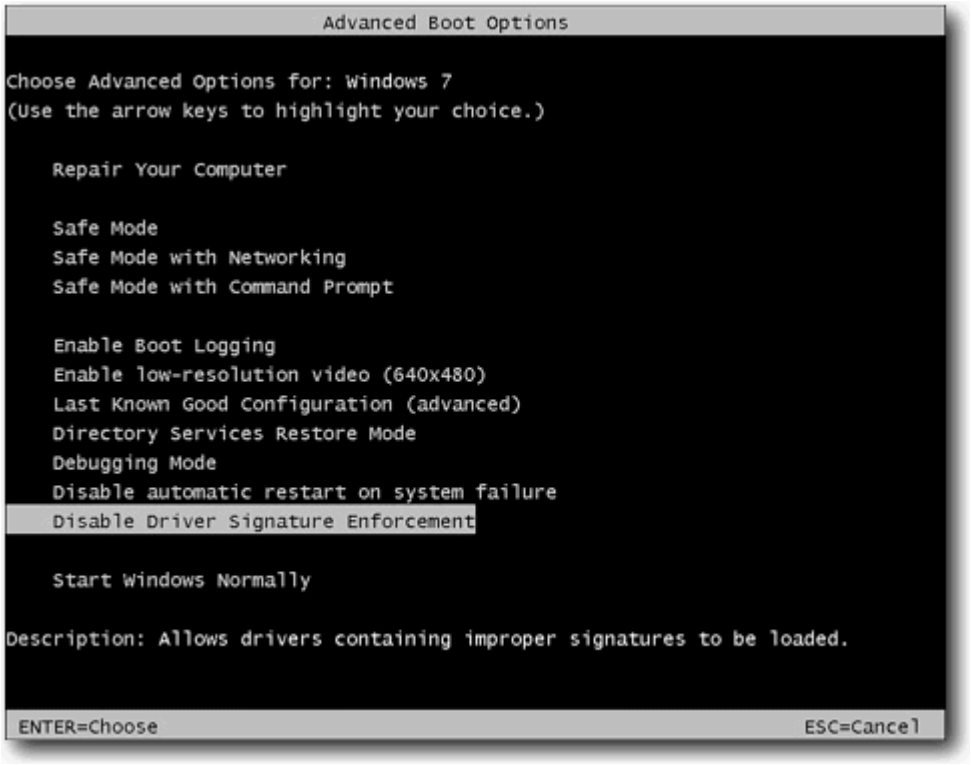

VIA Platform Device Manager
Uninstalling Components List:
Review setting before removing components.
Setup has enough information to start removing the components. If you want to review or change any settings, click Back. If you are satisfied with the settings, click Next to begin removing components.
Current setting:
VIA XHCI Host Controller Driver V1.00 Beta 12:
VIA XHCI Host Controller Driver
InstallShield
< Back
Next >
Cancel

6. The Install Wizard has successfully removed VIA Platform Device Manager. Click **Finish** to exit the wizard.


VIA Platform Device Manager
Install Wizard Completed
The Install Wizard has successfully removed VIA Platform Device Manager. Click Finish to exit the wizard.
< Back
Finish
Cancel

5. Troubleshooting

- Since the driver has not passed WHQL, please take the following steps on Windows Vista® 64 bit and Windows® 7 64 bit.
  1. As the computer starts, watch for a progress bar at the bottom of the screen. Press F8 about once every second.
  2. Immediately press F8 before the progress bar reaches the right side of the screen.
  3. From the Windows Start menu, select "**Disable Driver Signature Enforcement**"and press Enter.


Advanced Boot Options
Choose Advanced Options for: Windows 7
(Use the arrow keys to highlight your choice.)
Repair Your Computer
Safe Mode
Safe Mode with Networking
Safe Mode with Command Prompt
Enable Boot Logging
Enable low-resolution video (640x480)
Last Known Good Configuration (advanced)
Directory Services Restore Mode
Debugging Mode
Disable automatic restart on system failure
Disable Driver Signature Enforcement
Start Windows Normally
Description: Allows drivers containing improper signatures to be loaded.
ENTER=Choose
ESC=Cancel

  4. After entering Windows system, please go to **CD\Driver\X64** and execute **certmgr.exe**
  5. Add "**VIATest.cer**" into localMachine root & localMachine trustedpublisher
  6. From the Windows "**Start"** menu, click "**Run**" and Enter: "**bcdedit -set testsigning on"** to install driver.

  Note: You will need to follow above procedures as restarting the computer.

6. Specification

- Compliant with Universal Serial Bus 3.0 Specification Revision 1.0
- Supports the following speed data rate as follows; Low-speed (1.5 Mbps)/ Full-speed (12 Mbps)/ High-speed (480 Mbps)/ Super-speed (5 Gbps).
- Supports 4 downstream ports for all levels of speed.
- Supports all USB compliant data transfer type; Control/ Bulk/ Interrupt/ Isochronous transfer.
- Compliant with PCI Express® Base Specification 2.0.
- Supports PCI Express® Card Electromechanical Specification Revision 2.0.
- Supports PCI Bus Power Management Interface Specification Revision 1.2.
- Supports power each port up to 900 mA.

*Specification is subject to change without notice.

7. Regulatory Compliance

FCC Conditions

This equipment has been tested and found to comply with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

(1) This device may not cause harmful interference

(2) This device must accept any interference received. Including interference that may cause undesired operation.

Important! Changes or modifications not expressly approved by the manufacturer responsible for compliance could void the user's authority to operate the equipment. Use an approved phone set.

CE

This equipment is in compliance with the requirements of the following regulations: EN 55 022: CLASS B

WEEE Information

For EU (European Union) member users:
According to the WEEE (Waste electrical and electronic equipment) Directive, do not dispose of this product as household waste or commercial waste. Waste electrical and electronic equipment should be appropriately collected and recycled as required by practices established for your country. For information on recycling of this product, please contact your local authorities, your household waste disposal service or the shop where you purchased the product.